RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/590,447

TIME: 11:03:39

DATE: 09/14/2001

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\09142001\I590447.raw

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4 <110> APPLICANT: Forman, Barry M.
                                                               ENTERED
         Beard, Richard L.
         Chandraratna, Roshantha A.
 8 <120> TITLE OF INVENTION: Methods for Modulating FXR Receptor
         Activity
11 <130> FILE REFERENCE: 17302
13 <140> CURRENT APPLICATION NUMBER: 09/590,447
14 <141> CURRENT FILING DATE: 2000-06-09
16 <150> PRIOR APPLICATION NUMBER: 60/138,986
17 <151> PRIOR FILING DATE: 1999-06-11
19 <160> NUMBER OF SEQ ID NOS: 10
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RAW SEQUENCE LISTING DATE: 09/14/2001 TIME: 11:03:39 PATENT APPLICATION: US/09/590,447

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61 62	Tyr	Ser	Lys	Gln 260	Arg	Met	Pro	Gln	Glu 265	Ile	Thr	Asn	Lys	Ile 270	Leu	Lys
63 64	Glu	Glu	Phe 275	Ser	Ala	Glu	Glu	Asn 280	Phe	Leu	Ile	Leu	Thr 285		Met	Ala
65 66	Thr	Ser 290		Val	Gln	Ile	Leu 295	Val	Glu	Phe	Thr	Lys 300		Leu	Pro	Gly
67		Gln	Thr	Leu	Asp		Glu	Asp	Gln	Ile		Leu	Leu	Lys	Gly	
68 69	305	17a 1	C1.,	ת 1 ת	Wot	310	т олл	7	Com	* 7 -	315	T1.	Dh.	3	T	320
70					325			Arg		330					335	_
71 72	Leu	Pro	Ala	Gly 340	His	Ala	Asp	Leu	Leu 345	Glu	Glu	Arg	Ile	Arg 350	Lys	Ser
73 74	Gly	Ile	Ser 355	Asp	Glu	Tyr	Ile	Thr 360	Pro	Met	Phe	Ser	Phe 365	Tyr	Lys	Ser
75	Val	Glv		Leu	Lvs	Met	Thr	Gln	Glu	Glu	Tvr	Δla		Leu	Thr	Δla
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79 80	Val	Glu	Lys	Leu	Gln 405	Glu	Pro	Leu	Leu		Val	Leu	Gln	Lys	Leu 415	Cys
81 82	Lys	Ile	Tyr	Gln 420	Pro	Glu	Asn	Pro	Gln 425	His	Phe	Ala	Cys		Leu	Gly
83	Λνα	Len	Thr		Lou	λνα	Πh.~	Phe		піс	II i a	III a	λ 1 n	430	Wot	T 0.11
84	ALG	Leu	435	GIU	ьеи	ATY	1111	440	ASII	птэ	птэ	птъ	445	GIU	Mec	Leu
85	Met	Ser		Δrα	Va 1	Δen	λen	His	Lare	Dho	Thr	Dro		LOU	Cvc	C1.1
86	1100	450	115	Arg	VUI	ASII	455	HIS	пуз	FIIE	Till	460	цец	neu	Cys	GIU
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99	_	_		20					25		_			30		
100	Lys	Pro		Lys	Gly	Met	Let		Glu	His	Ala	Ala		Pro	Leu	ı Gly
101		. 3	35				a	40					45	,	_	-1
102 103		So the state of th	Leu	ASP	Leu	GIU	. ser	туг	ser	Pro	Tyr	Asn 60	AST	ı Val	. Pro	Phe
104	Pro	Gln	Val	Gln	Pro	Gln	Ile	e Ser	Ser	Ser	Ser	Tyr	туг	Ser	Asn	Leu
105	65					70	•				75					80
106		Phe	Tyr	Pro	Glr	Gln	Pro	Glu	Asp	Trp	Tyr	Ser	Pro	Gly	, Ile	Tyr
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108		Leu	Arg			Pro	Ala	Glu			Tyr	Gln	Gly			Glu
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RAW SEQUENCE LISTING DATE: 09/14/2001 PATENT APPLICATION: US/09/590,447 TIME: 11:03:39

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147	~ 3	_	_		405					410					415		
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152	Leu		GLu	Leu	Arg	Thr		Asn	His	His	His	Ala	Glu	Met	Leu	Met	
153	_	450		_			455					460	•				
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RAW SEQUENCE LISTING DATE: 09/14/2001 PATENT APPLICATION: US/09/590,447 TIME: 11:03:39

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167	Asp	GIU	Pne		Pne	ser	GIU	Asn		Pne	GLŸ	vaı	Leu		GLu	Gln
168				20	_		~ 1	_	25		-		_	30	_	~ 1
169	vaı	Ala	_	Pro	Leu	GTÄ	GIN		Leu	GIu	vaı	GIu		Tyr	ser	Gln
170	m	a	35	**- 1	01 -	nl	D	40		a 1.	_	a 1	45	_		
171	Tyr		Asn	vaı	GIN	Pne		GIN	vaı	GIn	Pro		тте	Ser	ser	Ser
172	0	50		O = ==	3 ~ ~	T	55	nha	m	D	a 1	60	D	a1	a1	М
173		Tyr	Tyr	ser	ASII		GIY	Pne	Tyr	Pro		GIN	Pro	GIU	GIU	_
174	65		D	a 1	т1.	70	01. .	T	3	3	75	D	.1.	01	m b	80
175	TAT	ser	Pro	СТА	85	Tyr	GIU	ьeu	Arg		мес	PIO	Ата	GIU		reu
176 177	Пттт	Cln	C1	C1		C1.,	Wa 1	7 l a	C1	90 Wat	Dmo	17.2.1	mbs	T	95	Pro
178	тут	GIII	СТУ	100	1111	GIU	Val	нта	105	Mer	PIO	Val	THE	110	гЛS	PIO
179	7 ~~	Mo+	C1**		C07	λla	C1**	7 20		T	C1**	7.00	C1.,		Crra	Val
180	ALG	Mec	115	Ата	Ser	AIG	GLY	120	TIE	пуз	GLY	ASP	125	Leu	Cys	Val
181	Va l	Cve	Gly	λen	Δra	λla	Sor		Фът	uic	Пттт	λen		Lou	Thr	Cvc
182	Val	130	GLY	изъ	птд	ліа	135	GLY	тут	птэ	тут	140	Ата	ьęu	1111	Суз
183	Glu	-	Cve	Luc	Glv	Dho		Δτα	Δνα	Sor	т1Д		Luc	λen	λla	Val
184	145	GLY	Cys	цуз	OLY	150	1110	пту	пту	Der	155	1111	цуз	NSII	пта	160
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RAW SEQUENCE LISTING DATE: 09/14/2001 PATENT APPLICATION: US/09/590,447 TIME: 11:03:39

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216	_	_	_	_	405			_		410	_				415	
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237	_	_	35	_	_,	_	_	40	_		_		45		_	_
238	ser		тте	ser	Thr	Leu		ser	Pro	шe	Asn	_	Met	СТĀ	Pro	Pro
239	D1	50	**- 1	-1.	a	a	55	30.1	a 1	_		60		_	1	_
240		ser	var	шe	ser	Ser	PLO	мет	GTÄ	Pro		ser	мет	ser	vaı	
241	65	mh m	Dwa	mh	T	70	nh -		m l	a1	75	D	a1:	T	a	80
242 243	THE	THE	Pro	THE	ьец 85	Gly	Pne	ser	THE		ser	Pro	GIN	Leu		ser
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245	PIO	Met	MSII	100	Val	261	ser	ser	105		116	гуѕ	PIO	110	Leu	сту
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251	145		-1-	OI,	, u.	150	DCI	Cys	OIG	017	155	פעם	OT Å	rne	rne	160
252		Thr	Va 1	Ara	T.vs	Asp	· T. 🗀 11	Thr	Tur	Thr		Δrσ	Δsn	Δen	T.v.c	
253	5		, 42	••••	165		Dea		-1-	170	010	**** 9		11511	175	usp
254	Cvs	Len	Tle	Asp		Arσ	Gln	Δra	Asn		Cvs	Gln	Tur	Cvs		Tyr
255	015			180	-,5	9	0111	**** 9	185	**** 9	0,0	0111	+ <i>I</i> +	190	nrg	- y -
256	Gln	Lvs	Cvs		Ala	Met	Glv	Met		Arσ	Glu	Δla	Va1		Glu	Glu
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VERIFICATION SUMMARY

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